

Serial Number 09/964,342

AMENDMENTS TO CLAIMS

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Currently Amended) A DC brushless motor structure comprising:

a base comprising a through-hole and a wall, at least two sets of windings being mounted to the wall of the base, an IC control means being mounted on the base and electrically connected to said at least two sets of windings; and

a rotor comprising a shaft and a permanent magnet having a north pole and a south pole, the shaft being rotatably received in the through-hole of the base, the permanent magnet surrounding the base, a repulsive magnetic force is directly created between the permanent magnet and said at least two sets of windings, thereby driving the rotor to turn,

wherein the through-hole of the base has an inner diameter greater than an outer diameter of the shaft of the rotor, the through-hole has a first end and a second end, a support member being mounted in the first end of the through-hole, a lid being engaged with the second end of the through-hole and having an axle hole through which an end of the shaft extends, the supporting member supporting another end of the shaft.

15. (Canceled)

16. (Currently Amended) The DC brushless motor structure as claimed in ~~claim 15~~ claim 14, wherein the support member has an arcuate recess for supporting said another end of the shaft.

17. (Currently Amended) The DC brushless motor structure as claimed in ~~claim 15~~ claim 14, wherein the axle hole of the lid has a bearing mounted therein for rotatably holding the shaft.

18. (Original) The DC brushless motor structure as claimed in claim 14, wherein the wall of the base has at least two mounting members for mounting said at least two sets of windings.

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19. (Original) The DC brushless motor structure as claimed in claim 18, wherein each of the mounting members is a countersink.

20. (Original) The DC brushless motor structure as claimed in claim 18, wherein each of the mounting members is an outwardly projecting peg.

21. (Original) The DC brushless motor structure as claimed in claim 14 , wherein the IC control means comprises a driving circuit and a Hall element.

22. (Original) The DC brushless motor structure as claimed in claim 14, wherein the rotor has plural blades mounted thereon.